IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Robert Guyan	Examiner:	Hewitt
Serial No.	09/305,817	Group Art Unit:	2163
Filed:	May 4, 1999	Docket No.	AND1P070
Title:	METHOD AND ARTICLE OF MANUFACTURE FOR COMPONENT BASED NEGOTIATION FACILITATING DURING CLAIM PROCESSING		

CERTIFICATE UNDER 37 CFR 1.8
I hereby certify that this correspondence and identified enclosures are being deposited with the United States Postal Service, first class mail, postage prepaid, under 37 C.F.R. 1.8 on the date indicated, and is addressed to the Commissioner for Patents, BOX: Non-Fee Amendment, Washington, D.C. 20231 on _February 12, 2002_

Jessica Brown

AMENDMENT

BOX: Amendment Fee
Commissioner for Patents
Washington, D.C. 20231

Sir:

Responsive to the Office Action mailed August 13, 2001, kindly enter the following amendments:

IN THE CLAIMS

Please amend the claims to read as follows. A marked-up version of the amended claims is included in addendum pages attached hereto.

1. (Amended) A computer program embodied on a computer readable medium for developing component based software capable of facilitating negotiation, comprising:

a data component that stores, retrieves and manipulates data utilizing a plurality of functions; and

a client component including:

an adapter component that transmits and receives data to/from the data component,

a business component that serves as a data cache and includes logic for manipulating the data and performing logical operations with the data, and

a controller component adapted to handle events generated by a user utilizing the business component to cache data and the adapter component to ultimately persist data to a data repository,

wherein the client component is adapted for providing a plurality of data fields relating to a negotiation, providing a plurality of rules which dictate events to be raised based on data in the data fields, allowing a user to input data into the data fields, and raising an event based on the data entered into the data fields, wherein the event is suitable for creating a task.

7.   (Amended) A computer program embodied on a computer readable medium for creating a component based architecture capable of facilitating negotiation, comprising:

a user interface form code segment adapted for collecting data from a user input;

a business object code segment adapted for caching data;

an adapter code segment adapted for transmitting data to a server; and

a controller component code segment adapted for handling events generated by the user interacting with the user interface code segment, providing validation within a logic unit of work, containing logic to interact with the business component, creating one or more business objects, interacting with the adapter component to add, retrieve, modify, or delete business objects, and providing dirty flag processing to notify a user of change processing;

wherein the computer program is adapted for providing a plurality of data fields relating to a negotiation, providing a plurality of rules which dictate events to be raised based on data in the

data fields, allowing a user to input data into the data fields, and raising an event based on the data entered into the data fields, wherein the event is suitable for creating a task.

13. (Amended) A computer program embodied on a computer readable medium for creating a component based architecture for allowing communication between a plurality of clients and a server in order to facilitate negotiation, comprising:

one or more client components included with each client, each client component of each client adapted for communicating and manipulating data with a first data type, wherein the client component is adapted for providing a plurality of data fields relating to a negotiation, providing a plurality of rules which dictate events to be raised based on data in the data fields, allowing a user to input data into the data fields, and raising an event based on the data entered into the data fields, wherein the event is suitable for creating a task;

one or more server components adapted for communicating and manipulating data with a second data type; and

one or more adapter components included with each client for translating data from the one or more client components to the second data type when communicating data from the client to the server and further translating data from the one or more server components to the first data type when communicating data from the server to the client.

Please add the following new claims.

19. (New) A system for processing insurance events comprising:

an event processor for receiving user entered events;

a task engine for processing the user entered events wherein the task engine processes the user entered events with a plurality of customized task templates in order to select a list of tasks to be performed as selected from a task library; and

a task assistant that outputs the list of tasks from the task engine, wherein the task assistant further allows user interaction with said list of tasks.

20. (New) The system of claim 19, wherein the task assistant is adapted for allowing a user to define tasks that achieve a goal upon completion, allowing the user to input rules which dictate which of the tasks should be selected based on predetermined events, receiving at least one event, and outputting the task which is selected based on the received event in accordance with the rules.

21. (New) The system of claim 19, wherein the task assistant is adapted for providing information concerning an individual and an event, allowing a user to input information concerning involvement of the individual in the event, allowing the user to link the individual to the event, and outputting linked information concerning the individual, the event, and the involvement of the individual in the event.

22. (New) The system of claim 19, wherein the task assistant is adapted for receiving a plurality of tasks that achieve a goal upon completion, allowing users to add new tasks that achieve the goal upon completion, allowing the users to edit the tasks, and generating a historical record of the tasks that are completed.

23. (New) The system as set forth in claim 19, wherein the user entered event is provided from an event queue.

24. (New) The system as set forth in claim 19, wherein the task assistant is further adapted for indicating which tasks are complete.

25. (New) The system as set forth in claim 23, wherein the selected list of tasks are generated based on characteristics of a scenario and a set of rules.

26. (New) The system as set forth in claim 25, wherein the task assistant is further adapted for providing indications of levels of importance of the tasks.

27. (New) The system as set forth in claim 26, wherein the task assistant is further adapted for automating a portion of work needed to complete the tasks.

28. (New) The system as set forth in claim 27, wherein the portion of the work automated is writing correspondence.

<div align="center">REMARKS</div>

I.   <u>Preliminary Remarks</u>

The response herein amends claims 1,7 and 13 and presents new claims 19-28.

II.   <u>Rejection Under 35 U.S.C. § 103(a)</u>

Claims 1-18 have been rejected under 35 U.S.C. 103 (a) as being unpatentable over U.S. Patent 5,956,687 to Wamsley et al. in view of U.S. Patent 5,664,109 to Johnson. These rejections are respectfully traversed.

A.   <u>The Present Invention</u>

The instant invention relates to a method of transmitting, displaying, and interacting insurance related data with a user. The program includes a data component that stores, retrieves and manipulates data utilizing a plurality of functions. Also provided is a client component that includes an adapter component that transmits and receives data to/from the data component. The client component also includes a business component that serves as a data cache and includes logic for manipulating the data.

A controller component is also included which is adapted to handle events generated by a user utilizing the business component to cache data and the adapter component to ultimately persist data to a data repository. In use, the client component provides a plurality of data fields

relating to an insurance-related negotiation. In addition, a plurality of rules are provided which dictate events to be raised based on data in the data fields. The user is then able to input data into the data fields.

Finally, events are raised based on the data entered into the data fields. The events raised in turn can be used to create a task. The invention allows a user to input events and data relating to insurance claims and to further generate a list of projects or tasks related to the processing of that claim. The invention further allows user interaction and updating of the list of tasks based on entered information. The invention may be used for example in any business related environment where users may request, change, or interact with data for claims processing.

B.   The 35 U.S.C. § 103(a) Rejections

In the rejection of the claims, the Examiner points to a number of columns in Wamsley to show the claimed "components" of the instant invention. The Examiner relies on the Johnson reference to show "the transmitting and receiving of data" as claimed. It is first remarked that there is no claimed "transmitting and receiving of data" **over a network** as the Examiner contends. The transmitting and receiving of data is **from component to component**, specifically from the adapter component to the data component as found in claims 1,7 and 13. Therefore the addition of the Johnson reference is unnecessary.

With respect to the Wamsley reference, the Examiner points to columns 13-15 to teach "the insertion of rules into data fields". This portion of Wamsley discusses the tickler system, which uses dates or time periods to alert the user as to attend to some task or event. From these columns of text and the Examiner's rejection it appears that the "tickler system" is used to reject the claimed feature of "at least one rule to dictate an event to be raised", where the "rule" would be a specific date or time period.

In order to overcome this rejection, Applicants have amended independent claims 1, 7 and 13 to recite that there are a plurality of rules that may raise an event to the users attention. Support for the newly added claim language relating to a plurality of rules may be found in the specification on pages 183-186. These pages teach that the task engine of the present invention is

capable of selecting tasks to be performed by logical AND operations on the data related to the insurance claim. For example, "when event = litigation AND line of business = commercial auto, then..." These teachings therefore allow the present invention to select the proper tasks by a plurality of specific rules. This process goes beyond the tickler system of Wamsley as the "rules" are logical comparisons of the data components, not just the monitoring of dates and time periods. Applicants respectfully submit that the rejection of claims 1-18 under section 103 (a) is now traversed as Wamsley and Johnson do not contain all the claimed features of these claims nor render the claimed invention obvious.

II.   New Claims

Also presented are new claims 19-28 which relate to the task engine, task assistant and event processor detailed throughout the specification and as shown in Figures 13-15. It is respectfully submitted that neither Wamsley nor any other reference of record show the limitations of the task engine, task assistant and event processor as set forth in claim 19. Further details of claim 19, such as a plurality of customized task templates used to select a list of tasks to be performed as selected from a task library is also not found in Wamsley. The dependent claims also add further features such as selecting a list of tasks that are generated based on characteristics of a scenario and a set of rules as in claim 25. Again Wamsley and the other prior art references do not contain the "rules" as now recited in these dependent claims.

V.   Conclusion

Applicants believe that the claims 1-28 as now presented distinguish over the Wamsley reference and all other cited prior art. In view of the above, it is submitted that this application is now in good order for allowance, and such early action is respectfully solicited. Should matters remain which the Examiner believes could be resolved in a telephone interview, the Examiner is requested to telephone the Applicant's undersigned attorney. Please find also a marked copy of claims 1,7 and 13 that show the amendments thereto.

The Commissioner is authorized to charge any fees that may be due to our Deposit Account No. 02-3964 (Order No. 60021-307001, AND1P070).

Respectfully submitted,

Date: Feb. 12, 2002

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ADDENDUM PAGES

VERSION MARKED TO REFLECT CHANGES

I.   CHANGES IN THE CLAIMS

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one or more server components adapted for communicating and manipulating data with a second data type; and

one or more adapter components included with each client for translating data from the one or more client components to the second data type when communicating data from the client to the server and further translating data from the one or more server components to the first data type when communicating data from the server to the client.

I.   NEW CLAIMS

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PATENT

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Applicant:	Robert Guyan	Examiner:	Hewitt
Serial No.	09/305,817	Group Art Unit:	2163
Filed:	May 4, 1999	Docket No.	AND1P070
Title:	Method And Article Of Manufacture For Component Based Negotiation Facilitating During Claim Processing		

CERTIFICATE UNDER 37 CFR 1.8
I hereby certify that this correspondence and identified enclosures are being deposited with the United States Postal Service, first class mail, postage prepaid, under 37 C.F.R. 1.8 on the date indicated, and is addressed to the Commissioner for Patents, BOX: Amendment Fee, Washington, D.C. 20231 on February 12, 2002

Jessica Brown

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner of Patents
Box Amendment Fee
Washington, D.C. 20231

PETITION FOR EXTENSION OF TIME TO RESPOND [37 C.F.R. § 1.136]

Sir:

Applicant petitions the Commissioner of Patents for a three-month extension of time to respond to: Office Action mailed August 13, 2001.

The new due date will be: February 13, 2002.

We enclose the following check:

Check No.: 024639

Amount: $920.00

We file this petition simultaneously with an Amendment that responds to the August 13, 2001, Office Action.

Please charge any additional fee that may be due or credit any overpayment to our deposit Account No. 02-3964 (Order No. 60021-307001, AND1P070). We enclose a duplicate copy of this petition.

2-12-02
Date

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